

## Patents

1. **Zehra Yegingil**, Mehmet Yuksel, Kasim Kurt, Volkan Altunal, Adnan Ozdemir, Osman Serindag, Kasim Ocakoglu, Tamer Dogan, Mustafa Topaksu  
**Title:** Manganese (Mn) or Niobium (Nd) doped magnesium borate ( $MgB_4O_7:Mn$  or  $MgB_4O_7:Nd$ ) dosimetric materials and their synthesis technique /Dozimetrik özellik gösteren mangan (Mn) veya neodimyum (Nd) katkili magnezyum borat ( $MgB_4O_7:Mn$  veya  $MgB_4O_7:Nd$ ) ve üretim yöntemi  
**National Patent** C01F 5/00, 2018/02/21
2. Yan Yu, **Zehra Yegingil**, Volkan Altunal, Veysi Guckan, Adam Dicker, (Pending **International patent**) New U.S. Provisional **Patent Application No. 62/685,649**  
**Title:** DOPED BEO COMPOUNDS FOR OPTICALLY STIMULATED LUMINESCENCE (OSL) AND THERMOLUMINESCENCE (TL) RADIATION DOSIMETRY  
**TJU Ref.:** YU\_YAN.008  
**Cozen Ref.:** 6107-221P (425549)